

**DETAILED ACTION**

***Allowable Subject Matter***

1. Claims 1-7 are allowed.
2. The following is an examiner's statement of reasons for allowance: The prior art, alone or in combination, fails to set forth a process for producing a polysilsesquioxane graft copolymer comprising applying ionizing radiation or heat to a mixture including a polysilsesquioxane having a repeating unit shown by formula (2) wherein said compound having an iniferter group attached and a vinyl compound. Wherein said process produces a polysilsesquioxane having repeat units as shown by formula (1). The closest prior art would be to Oikawa et al (US 7,375,170) which teaches polymerizing a mixture of a polysilsesquioxane and a (meth) acrylate compound (vinyl compound) to obtain a polysilsesquioxane graft copolymer. The primary difference is Oikawa et al teaches adding an iniferter as a separate compound instead as a substituent on the polysilsesquioxane compound.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sanza L. McClendon whose telephone number is (571) 272-1074. The examiner can normally be reached on Monday through Friday 7:30-4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Seidleck can be reached on (571) 272-1078. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Sanza L McClendon/

Primary Examiner

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